Under the Paperwork Reduction Act of 1995, no persons are required to res	U.S. Patent and Trade	mark Office. U.	S. DEPARTMI	
UTILITY	Attomey Docket No.	5000-1-455	5	
PATENT APPLICATION	First Inventor	Seo-Won I	KWON et al	
TRANSMITTAL	Title	APPARAT	US FOR TF	RANSMITTING
(Only for new nonprovisional applications under 37 CFR 1.53(b))	Express Mail Label No.	EL 996288	930 US	
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.	ADDRESS TO:	Commission P.O. Box 145	tent Application er for Patents 0 A 22313-1450	n
1. Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) Applicant claims small entity status. See 37 CFR 1.27.  Specification [Total Pages 13] (preferred arrangement set forth below) - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure	b. Specificat  i. CD-  ii. Pap  c. Statemer  ACCOMPAN  9. Assignment F	ram (Appendimino Acid Selessary) Readable Folion Sequence ROM or CD-leer  hts verifying in YING APP Papers (cover	equence Subsection (CRF) e Listing on: R (2 copies); dentity of about the complex control of about the control of	or  ve copies I PARTS  ument(s))
5. Oath or Declaration [Total Sheets 3 ] a. Newly executed (original or copy)  b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed)  i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).  6. Application Data Sheet. See 37 CFR 1.76		s an assignees lation Documisclosure DS)/PTO-1449 mendment pt Postcard (lipecifically item y of Priority Edition Request un pplicant mustent.	Anent (if applic Anent (if applic C MPEP 503) Inized)	opies of IDS citations  C. 122 PTO/SB/35
18. If a CONTINUING APPLICATION, check appropriate box, and suppose specification following the title, or in an Application Data Sheet under 37 Continuation Divisional Continuation	7 CFR 1.76:	n below and i		
Prior application information:  For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the 5b, is considered a part of the disclosure of the accompanying continuation The incorporation can only be relied upon when a portion has been inadvert	Art Ur e prior application, from whice or divisional application an ently omitted from the subm	nit: ch an oath or d d is hereby ind	declaration is corporated by	supplied under Box
19. CORRESPOND	DENCE ADDRESS			
Customer Number: 33942	OR L	Corresp	ondence add	ress below
Name				
Address				
Country	State		Zip Code	
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This collection of information is required by 37 CFR 1.53(5). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Registration No. (Attorney/Agent)

44,069

Date

Name (Print/Type) | Steve S. Cha

Signature

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



PTO/SB/17 (10-03)

Approved for use through 07/31/2006. OMB 0651-0032
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FEE TRANSMITTAL		o respond to a collection of information unless it displays a valid OMB control number  Complete if Known				
S FEE IRANS	SIVIIIIAL	Application Number	Unassigned			
for FY 2004  Effective 10/01/2003. Patent fees are subject to annual revision.  Applicant claims small entity status. See 37 CFR 1.27		Filing Date	October 9, 2003			
		First Named Inventor	Unassigned			
		Examiner Name	Unassigned			
		Art Unit	Unassigned			
TOTAL AMOUNT OF PAYMENT	(\$) 810.00	Attorney Docket No.	5000-1-455			
METHOD OF DAVIMENT	1 11 11	555.04	LOUI ATION ( C D			

METHOD OF PAYMENT (check all that apply)				FEE	ECALCULATION (continued)	
Check Credit card Money Other None	3. AD	DITI	ONAL	. FEE	S	
Deposit Account:	<u>Large Er</u>	ntity	Small	Entity		
Deposit Deposi				Fee	Fee Description	
Account   502-470		• •		(\$)		Fee Paid
Number Deposit O. D. D. D.		130	2051		Surcharge - late filing fee or oath	
Account Cha & Reiter	1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
Name The Director is authorized to: (check all that apply)	1053	130	1053	130	Non-English specification	
Charge fee(s) indicated below Credit any overpayments	1812 2	,520	1812 2	2,520	For filing a request for ex parte reexamination	
Charge any additional fee(s) or any underpayment of fee(s)	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
Charge fee(s) indicated below, except for the filing fee	1805 1	840*	1805	1 940*	Requesting publication of SIR after	
to the above-identified deposit account.	1005 1	,040	1003	1,040	Examiner action	
FEE CALCULATION	1251	110	2251	55	Extension for reply within first month	
1. BASIC FILING FEE	1252	420	2252	210	Extension for reply within second month	
Large Entity Small Entity	1253	950	2253	475	Extension for reply within third month	
Fee Fee Fee Fee Fee Description Fee Paid Code (\$) Code (\$)	1254 1	,480	2254	740	Extension for reply within fourth month	
1001 770 2001 385 Utility filing fee	1255 2	,010	2255	1,005	Extension for reply within fifth month	$\square$
1002 340 2002 170 Design filing fee 770.00	1401	330	2401	165	Notice of Appeal	
1003 530 2003 265 Plant filing fee	1402	330	2402	165	Filing a brief in support of an appeal	
1004 770 2004 385 Reissue filing fee	1403	290	2403	145	Request for oral hearing	
1005 160 2005 80 Provisional filing fee	1451 1	,510	1451	1,510	Petition to institute a public use proceeding	
SUBTOTAL (1) (\$) 770.00	1452	110	2452	55	Petition to revive - unavoidable	
	1453 1	,330	2453	665	Petition to revive - unintentional	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501 1	,330	2501	665	Utility issue fee (or reissue)	
Extra Claims below Fee Paid	1502	480	2502	240	Design issue fee	
Total Claims 10 -20** = X = =	1503	640	2503	320	Plant issue fee	
Independent 2 - 3** = X = =	1460	130	1460	130	Petitions to the Commissioner	
Multiple Dependent =	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
Large Entity   Small Entity	1806	180	1806	180	Submission of Information Disclosure Stmt	
Fee Fee Fee Fee Fee Description Code (\$) Code (\$)	8021	40	8021	40	Recording each patent assignment per	40.00
1202 18 2202 9 Claims in excess of 20	1809	770	2809	385	property (times number of properties) Filing a submission after final rejection	$\vdash$
1201 86 2201 43 Independent claims in excess of 3	1005	,,,	2000	000	(37 CFR 1.129(a))	
1203 290 2203 145 Multiple dependent claim, if not paid	1810	770	2810	385	For each additional invention to be	
1204 86 2204 43 ** Reissue independent claims over original patent	1801	770	2801	385	examined (37 CFR 1.129(b))  Request for Continued Examination (RCE)	
1205 18 2205 9 ** Reissue claims in excess of 20	1802	900	1802	900	Request for expedited examination	
and over original patent	Others	ا ۱	:6-1		of a design application	<del></del>
SUBTOTAL (2) (\$) 0.00	Other fo	٠.		ilina E	ee Paid SUBTOTAL (3) (\$) 40.00	
**or number previously paid, if greater, For Reissues, see above	Meddo	eu by	ן אונטם	may F	ee Paid SUBTOTAL (3) (\$) 40.00	)

SUBMITTED BY			(Complete (if applicable))				
Name (Print/Type) Steve Cha		Registration (Attorney/Ag	R AA Uny	Telephone 201-518-55/18			
Signature		18/1		Date	10/	7/03	

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